



17681

11819

3 Hours / 100 Marks

Seat No.

--	--	--	--	--	--	--	--

- Instructions :**
- (1) *All questions are compulsory.*
 - (2) *Answer **each** next main question on a new page.*
 - (3) *Figures to the **right** indicate **full** marks.*
 - (4) *Assume suitable data, if **necessary**.*
 - (5) *Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.*

Marks

1. Answer **any ten** :

20

- a) Define 'Quality'.
- b) Define Random Sampling.
- c) State significance of AQL.
- d) State the objective of testing of snagging.
- e) Define Bowing and skewness.
- f) Define 'seam puckering'.
- g) Enlist the physical properties that affect seam puckering.
- h) Outline the procedure to measure courses and wales per unit length.
- i) Enlist the tests carried out for accessories.
- j) State the objectives of colour fastness test of zippers.
- k) State the objectives of quality control in cutting.
- l) Write the advantages of garment inspection on live model.
- m) Enlist any four defect occurring in garments.
- n) Enlist various types labels used in garment industry.

2. Answer **any four** of the following :

16

- a) Explain the dimensions of quality.
- b) Compare random sampling and statistical sampling.
- c) Describe different types of inspection systems.
- d) Explain standard test method to calculate bow and skewness.

P.T.O.



- e) Give the purpose of fusible interlining fabric used in garment industry and name the locations of use of fusible interlining in formal shirt.
- f) Draw and explain the various symbols used in care labelling in garment industry.
3. Answer **any four** of the following : 16
- a) Explain the procedure to calculate AQL percentage.
 - b) Define snagging. Explain the causes of snagging.
 - c) Describe the ASTM method to test bursting of knitted fabric.
 - d) Explain the test method for durability of buttons.
 - e) Explain the test method of fusible interlining fabric for compatibility and bond strength.
 - f) Explain the significance of fiber content in care labels.
4. Answer **any four** of the following : 16
- a) Discuss quality from consumer's and seller's perspective.
 - b) Explain the test method carried out for snagging.
 - c) How to calculate the CPI and WPI ?
 - d) Explain the quality control in seaming and pressing.
 - e) Distinguish between the minor and major defects.
 - f) Explain the flammability test.
5. Answer **any two** of the following : 16
- a) Explain 4-point and 10-point fabric inspection system.
 - b) Write in detail the causes and measures to control seam puckering.
 - c) Describe any two test methods carried out for Zipper strength.
6. Answer **any two** of the following : 16
- a) Explain the step-by-step process of quality checking while manufacturing garments.
 - b) Describe methods for testing of spirality and shrinkage in knitted fabrics.
 - c) Explain any 4 defects in garment apparent on inspection table and suggest the remedies for the same.
-